

**PHOTO LOG FOR GARY DEVELOPMENT LANDFILL, GARY, INDIANA
IND 077 005 916**

DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

9-25-90 Air photo of GDC property. Lockheed Engineering and Sciences Company for U.S. EPA, Northwest Indiana Site Inventory and Landuse/Landcover Study, December 1991.

Inspection conducted September 26, 1996

9-26-96 Bob Blaesing, IDEM;

#1 -- View of GDC landfill, south face. Note rill erosion, lack of vegetative cover.

9-26-96 Bob Blaesing, IDEM; #2 -- Runoff from GDC entering Grand Calumet River via gully formed by erosion. Note River discoloration (brown) due to clay being carried in runoff.

9-26-96 Bob Blaesing, IDEM; #3 -- More detailed view of gully seen in photo #2, showing point source nature of runoff from GDC. Note brown discoloration of Grand Calumet River.

9-26-96 Bob Blaesing, IDEM;

#4 -- View of pile of clay/dirt dumped in wetlands area adjacent to Grand Calumet River.

9-26-96 Bob Blaesing, IDEM; #5 -- View of point source and sheet erosion from GDC property to Grand Calumet River. Note heavy clay load in runoff, and brown discoloration of River.

9-26-96 Bob Blaesing, IDEM; #6 -- View of erosion of clay cap from GDC landfill and road material into wetland area adjacent to the Grand Calumet River.

9-26-96 Bob Blaesing, IDEM; #7 -- View of cap and road material which has been graded into wooded wetland at GDC, adjacent to the Grand Calumet River at the GDC site.

9-26-96 Bob Blaesing, IDEM; #8 -- View of road at GDC at toe of landfill, which runs along Grand Calumet River, as seen from point at which road rises. GDC offices in background. Note runoff and rill erosion on slope into wetland area.

9-26-96 Bob Blaesing, IDEM; #9 -- Continuation of photo #8, showing ponded wetland area in SE corner of GDC property. Note brown color of pond, and Grand Calumet River in background.

9-26-96 Bob Blaesing, IDEM; #10 -- View of ponded wetland area at SE corner of GDC site. Note brown color of ponded water. Grand Calumet River in background.

9-26-96 Bob Blaesing, IDEM; #11 -- View of ponded wetland area at SE corner of GDC site. Similar view to #10.

Inspection conducted November 19, 1996

- 11-19-96 M. Mikulka, U.S. EPA; #1 -- Existing bulldozer at site
- 11-19-96 M. Mikulka; #2 -- Existing compactor at site
- 11-19-96 M. Mikulka; #3 -- Inspection team on road at GDC. View from W to E, on S side of LF. Steve Cherry, attorney for GDC facing
- 11-19-96 M. Mikulka; #4 -- Heavy equipment at site location proposed for storm water management basin. Note heavy erosion of site slopes in background.
- 11-19-96 M. Mikulka; #5 -- solid waste (dirt and tires) dumped at site. Old equipment apparently abandoned. Note site erosion.
- 11-19-96 M. Mikulka; #6 -- Concrete rubble and tires dumped along road at site.
- 11-19-96 M. Mikulka;
#7 -- old engine and tires at site. View from road on S side towards NW.
- 11-19-96 M. Mikulka; #8 -- Trailer abandoned at site on S side of road. River behind.
- 11-19-96 M. Mikulka; #9 -- Concrete and dirt dumped near Grand Calumet River at site. Kurt Maravolo, IDEM inspector adjacent.
- 11-19-96 M. Mikulka; #10 -- Material pushed into wooded wetland area at site. View from road at GDC towards Grand Calumet River.
- 11-19-96 M. Mikulka;
#11 -- View of ponded area on S side of road at site, at point where road elevates to top of landfill. Ponded area acts a sedimentation basin prior to flow into GCR.
- 11-19-96 M. Mikulka;
#12 -- View of area graded from road at site into ponded area seen in photo #11. Berm, which has been breached, not visible in photo. Runoff from road drains down this slope.
- 11-19-96 M. Mikulka; #13 -- Deep ravine caused by surface runoff; estimated depth, 2'. Runoff drains towards wetlands area @ SE side of landfill. GCR in background.
- 11-19-96 M. Mikulka; #14 -- View of ditch on E. Side of Property. Heavily eroded, but overgrown. Ditch conveys runoff from E. Side of Property to wetlands area/GCR.
- 11-19-96 M. Mikulka; #15 -- View of ditch on E. Side of property as it meanders towards wetlands area on SE side of GDC. See #13.

11-19-96 M. Mikulka;
#16 -- gas recovery well (typical) installed at GDC. Note lack of vegetative cover on the landfill.

11-19-96 M. Mikulka; #17 -- eastern portion of leachate/storm water collection pond on north side of Property, as viewed from north property boundary.

11-19-96 M. Mikulka; #18 -- View of central portion of leachate/storm water collection pond on north side of Property, as viewed from north property boundary. Shows north face of landfill. Note lack of vegetative cover and rill erosion.

11-19-96 M. Mikulka; #19 -- View of western portion of leachate/storm water collection pond on north side of GDC Property. Building in background is AMG Resources facility, which is due west of GDC site. At top of pond, demolition debris can be seen.

11-19-96 M. Mikulka; #20 -- View of leachate/storm water collection pond on N. Side of GDC Property, as viewed west to east. Note Tollway exit ramp in background.

11-19-96 M. Mikulka; #21 -- View of western face of GDC landfill, from top of landfill and facing west. Note severe erosion, cap material at toe of slope, and trash from landfill.

11-19-96 M. Mikulka; #22 -- View of AMG Resources facility as seen from W. Side of GDC Property. Note western face of landfill in foreground, and depressed area at toe of slope, where storm water from western portion of landfill drains.

11-19-96 M. Mikulka; #23 -- another view of AMG Resources facility, 459 N. Cline Avenue, Gary, IN 46406; ID# IND 005 444 732.

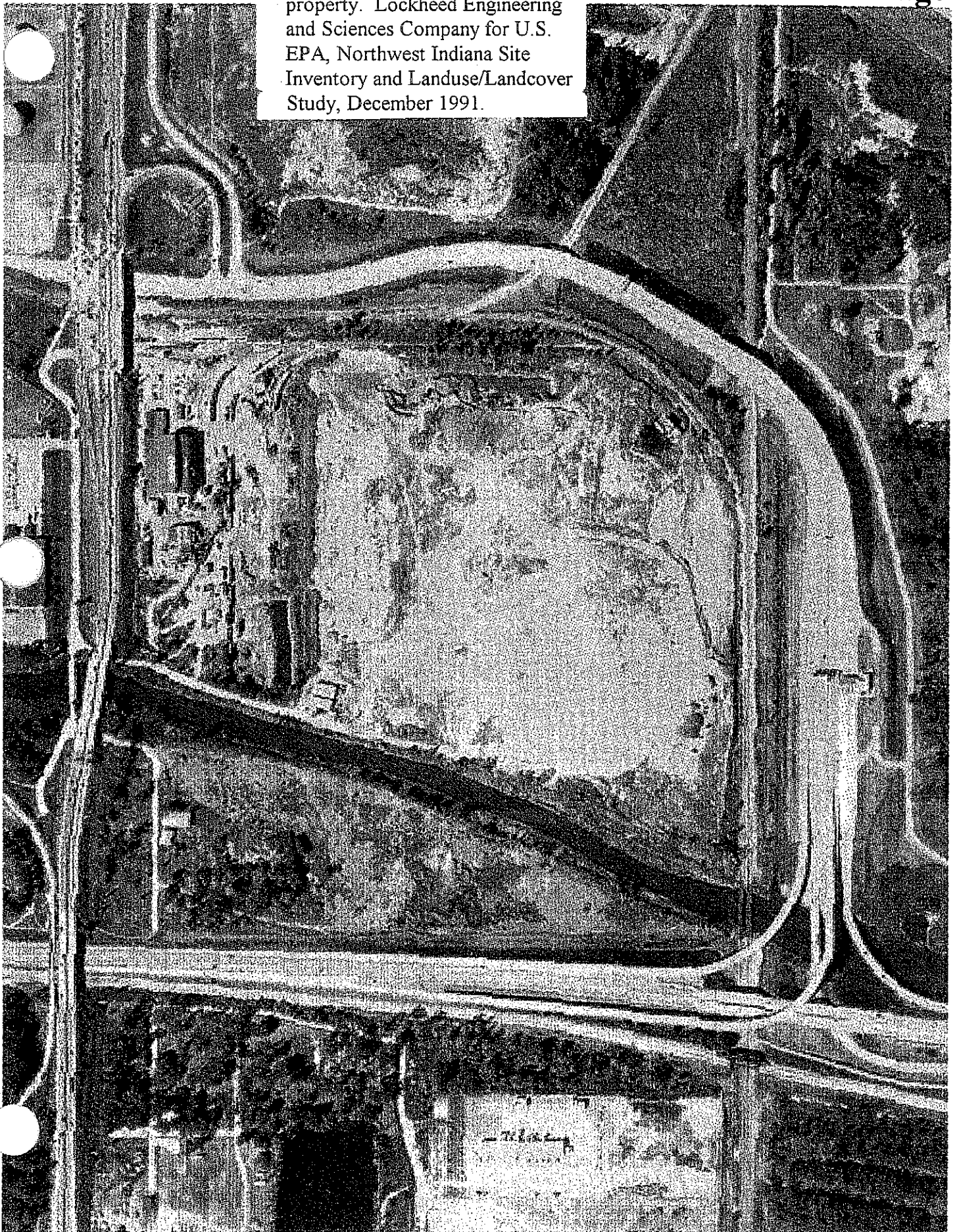
11-19-96 M. Mikulka; #24 -- View of western face of GDC landfill as viewed from north to south. Note GDC offices in background. Note erosion problem along complete face, and lack of vegetative cover.

11-19-96 M. Mikulka; #24A -- Solid waste material (demolition debris) dumped at GDC landfill since closure of facility. This material is located at northwestern portion of the landfill, at top of slope adjacent to leachate/storm water collection pond. See also photo #19.

11-19-96 Kirk Maravolo, IDEM; #1 -- Leachate outbreak at north face of landfill, flowing down slope to pond; brownish/black color, foul odor. Mikulka in background.

11-19-96 Kirk Maravolo, IDEM; #2 -- flow of leachate on north face of landfill, flowing down slope towards storm water/leachate collection pond from outbreak on north side of landfill.

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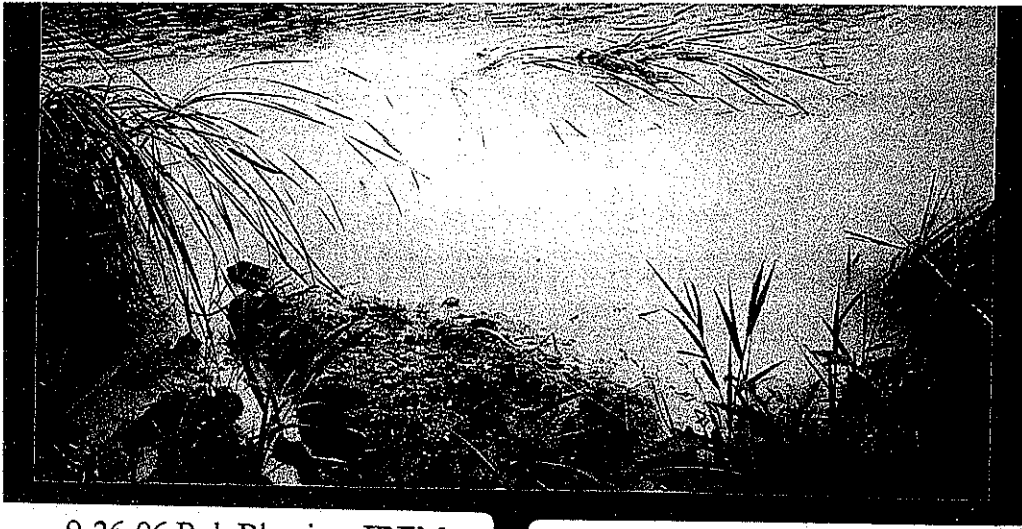




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Gary Development Company
#1 -- View of GDC landfill, south
face. Note rill erosion, lack of
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9-26-96 Bob Blaesing, IDEM
Gary Development Company
#2 -- Runoff from GDC entering
Grand Calumet River via gully
formed by erosion. Note River
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9-26-96 Bob Blaesing, IDEM
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#3 -- More detailed view of gully
seen in photo #2, showing point
source nature of runoff from GDC

Note brown discoloration of
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9-26-96 Bob Blaesing, IDEM
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#4 -- View of pile of clay/dirt
dumped in wetlands area adjacent
to Grand Calumet River.



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#5 -- View of point source and

sheet erosion from GDC property
to Grand Calumet River. Note
heavy clay load in runoff, and
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9-26-96 Bob Blaesing, IDEM
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#6 -- View of erosion of clay cap
from GDC landfill and road
material into wetland area adjacent
to the Grand Calumet River.



9-26-96 Bob Blaesing, IDEM
Gary Development Company
#7 -- View of cap and road
material which has been graded

into wooded wetland at GDC,
adjacent to the Grand Calumet
River at the GDC site.



9-26-96 Bob Blaesing, IDEM
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#8 -- View of road at GDC at toe
of landfill, which runs along Grand

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at which road rises. GDC offices
in background. Note runoff and
rill erosion on slope into wetland
area.